

Abstract

A method of manufacturing a luminescent screen assembly for a color cathode-ray tube (CRT) is disclosed. The luminescent screen assembly is formed on an inner surface of a faceplate panel of the CRT. The luminescent screen assembly includes an organic conductive (OC) layer overcoated with an organic photoconductive (OPC) layer. Three different color-emitting phosphors are sequentially deposited over portions of the OPC layer by uniformly charging to having a surface charge of one polarity and than selectively discharging desired areas thereof of the OPC layer. Appropriate color-emitting phosphors having the opposite polarity charge as that of the OPC layer are then deposited on the charged areas.